

AOD504

AOD504 Information



Part NumberAOD504ManufacturerAlpha & Omega Semiconductor Inc.CategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - SingleDescriptionMOSFET N-CH 25V 18APackageTO-252-3, DPak (2 Leads + Tab), SC-63
For the pricing/inventory/lead time, please contact
us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

For Reference Only

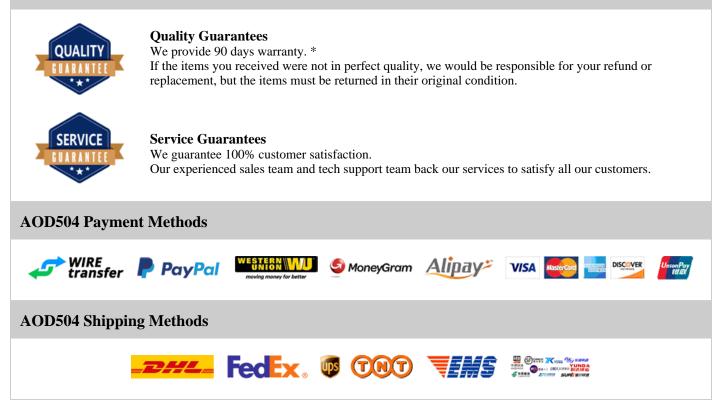
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



AOD504 Specifications

Manufacturer Part Number	AOD504	
Manufacturer	Alpha & Omega Semiconductor Inc.	
Category	Discrete Semiconductor Products	
	Transistors - FETs, MOSFETs - Single	
Package	TO-252-3, DPak (2 Leads + Tab), SC-63	
Series	AlphaMOS	
FET Type	N-Channel	
Technology	MOSFET (Metal Oxide)	
Drain to Source Voltage (Vdss)	25V	
Current - Continuous Drain (Id) @ 25°C	18A (Ta), 46A (Tc)	
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	
Vgs(th) (Max) @ Id	2.4V @ 250µA	
Gate Charge (Qg) (Max) @ Vgs	33nC @ 10V	
Input Capacitance (Ciss) (Max) @ Vds	1333pF @ 15V	
Vgs (Max)	±20V	
FET Feature	-	
Power Dissipation (Max)	2.5W (Ta), 50W (Tc)	
Rds On (Max) @ Id, Vgs	5 mOhm @ 20A, 10V	
Operating Temperature	-55°C ~ 175°C (TJ)	
Mounting Type	Surface Mount	
Supplier Device Package	TO-252, (D-Pak)	
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	
		Report errors?

AOD504 Guarantees



If you have any question about AOD504, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com